

BRONZE WINDOWS

by

NEWMAN

*Being preprints from
the 1929-30 edition of
SWEET'S CATALOGUE*

THE NEWMAN MANUFACTURING CO.

FOUNDED 1882

Bronze and Aluminum Windows Double-hung, Casement, Pivoted, Fixed

MAIN OFFICE AND PLANT
CINCINNATI, OHIO

BRANCHES: CHICAGO, NEW YORK AND ST. LOUIS

SALES OFFICES IN 77 UNITED STATES CITIES

Products

PIVOTED-SASH WINDOWS.
CASEMENT WINDOWS.
DOUBE-HUNG WINDOWS.
STATIONARY WINDOWS.

Also manufacturers of Bronze and Aluminum Transoms, Side Grilles, Overhead Fanlights, complete Storefronts and similar products.

For Ornamental Brass and Bronze Work, see pages A873-875; for Solid, Kalamein, Hollow and Extruded Doors, see pages A943-949; for Storefronts, see pages C3320-3333; for Grilles, see pages D4942-4945.

Facilities

Our facilities for hand-crafting all types of genuine bronze and aluminum windows are second to none. Newman windows are built up of hollow or extruded members, or these two in combination, with or without cast ornamentations, as may be most expedient.

In our gigantic new plant are 226,000 sq. ft. of space devoted to the fabricating of high grade bronze and aluminum work. We employ 400 skilled craftsmen.

Outstanding Features

(1) **Adaptability**—Newman Bronze and Aluminum Windows are so designed that they may be readily adapted to any building of any type of architecture, regardless of size, and whether new or being renovated. In other words, there is a design for every building.

(2) **Positive Permanence**—Built of "the metals of everlasting beauty."

(3) **No Maintenance Cost**—Require no attention, and are foolproof and practically impossible to wear out, thus eliminating up-keep expense.

(4) **Inside Setting**—Ingenious construction permits of inside setting, which eliminates the need for scaffolding.

(5) **Watertight and Airtight**—Best from the viewpoint of the owner, because they reduce fuel costs.

(6) **Facility of Adjustment**—Parting strips are removable over entire length, facilitating adjustment of sashes or sash weights.

(7) **No Visible Outside Screws**—All glazing is done from the inside.



Two-point Construction

For Newman Double-hung Windows we recommend and customarily use our new and improved two-point contact construction (patents applied for) as specified and endorsed by many prominent U. S. architects.

Using this ingenious method, we are enabled to fabricate windows of great strength and undoubted durability, so simplified as to construction that the prices are astonishingly low, quality, appearance and permanence considered.

Also we specialize in standard three-point construction windows of all standard types. In fact, there are no limits to the kinds of plain and ornamental windows of bronze and aluminum which we can manufacture.

Hardware and Accessories

Any and all standard types of cast or wrought hardware are suitable for application to all of our windows.

Newman Windows may be supplied with or without windshields, heat screens and fly screens of any preferred make.

Co-operation with Architects

It is always a pleasure to work with architects on their problems involving the use of metal windows of every description. We welcome opportunities to offer pertinent suggestions and submit detailed estimates of cost, free of charge or obligation.

In addition to the details reproduced on the pages immediately following, we have on file numerous other stock or so-called standard designs, for all purposes, and upon request we will supply blueprints or special sketches to conform to the requirements of the job.

Special windows of all kinds are among our leading specialties, and you are cordially invited to solicit the aid of our Engineering Department whenever you detail or specify windows. Our 35 draftsmen are at your service, and they are prepared to work up the complete job from the opening sizes, with the distinct understanding that sketches and estimates of cost are positively free of charge.

Full size details of any of the designs shown herein will be sent upon request.



Museum of Art, Baltimore, Md.
JOHN RUSSELL POPE, Architect



Commercial Loan & Trust Co.
San Antonio, Tex.
PHELPS & DEWEES, Architects



Book Tower Annex, Detroit, Mich.
ALBERT KAHN, Architect

A Few of Hundreds of Installations of Newman Windows



First Camden Trust Co., Camden, N. J.
SIMON & SIMON, Architects



Y. M. C. A., Columbus, Ohio
MILLER & REEVES, Architects

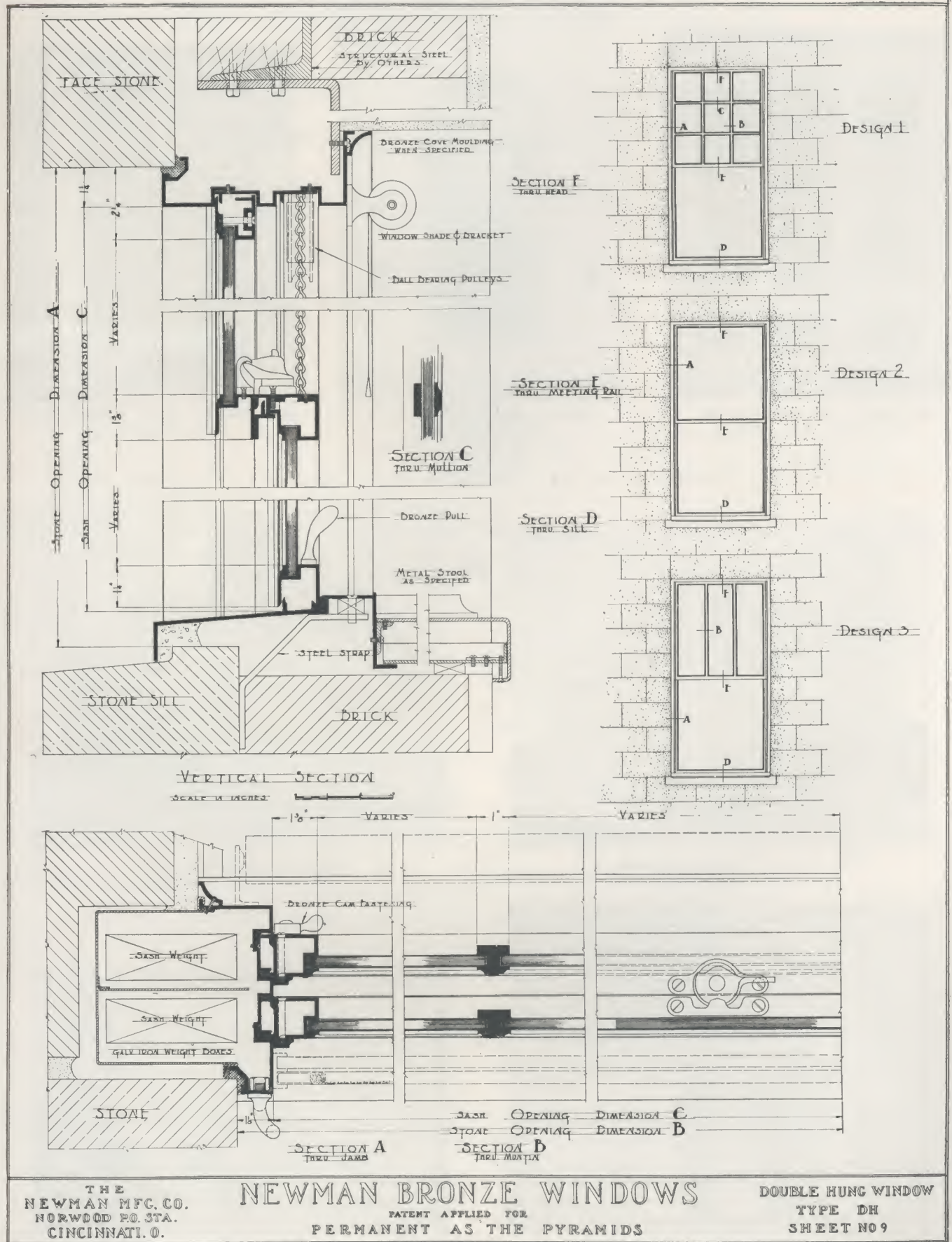


Crane Co. Exhibit Building, Atlantic City, N. J.
CASS GILBERT, Architect



Eagle Savings & Loan Assn., Cincinnati, Ohio
J. F. SHEPLESSY, Architect

Newman Bronze and Aluminum Windows



The image contains several architectural drawings for Newman Bronze Windows:

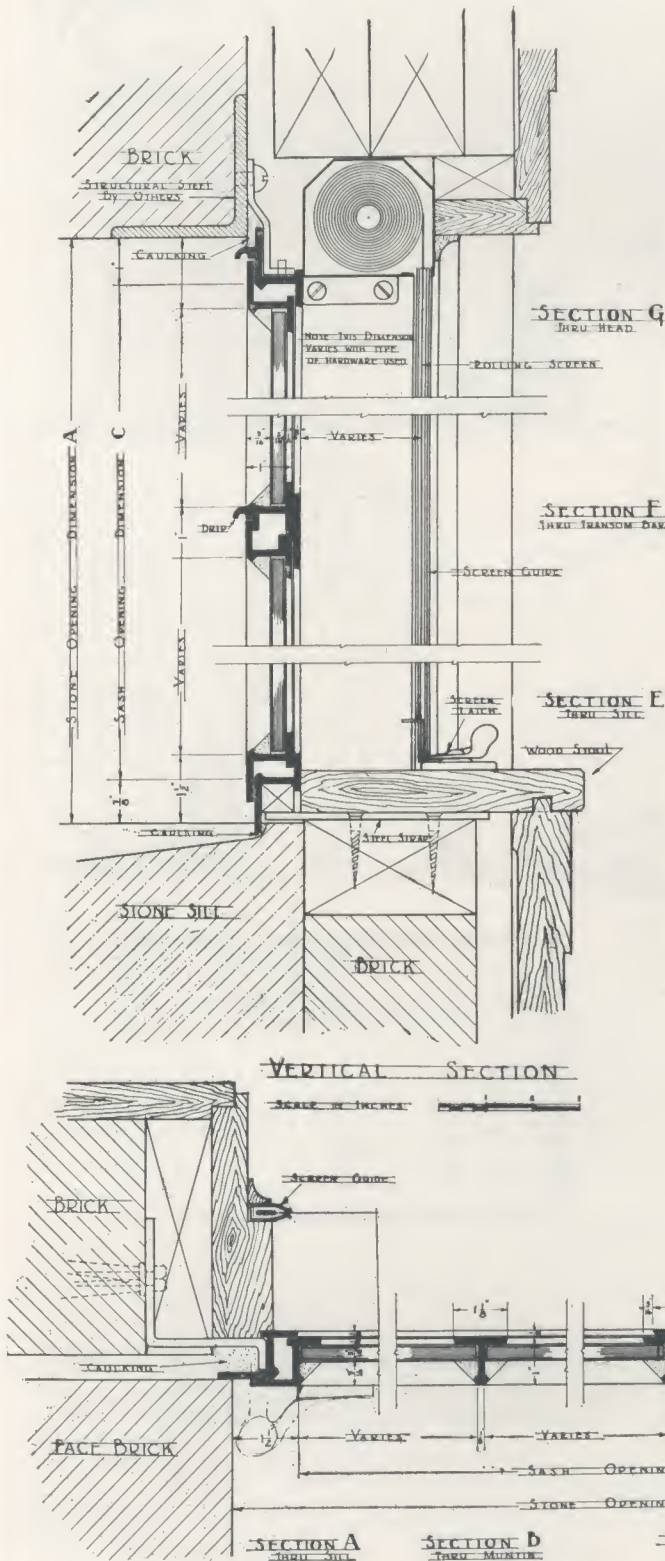
- Vertical Section:** A detailed cross-section of the window assembly. It shows the window set into a stone wall. Key components labeled include:
 - STONE OPENING DIMENSION A:** The overall height of the opening.
 - SASH OPENING DIMENSION C:** The height of the sash opening.
 - VARIES:** Indicated for dimensions that can change.
 - SECTION G THRU HEAD:** The top section showing the head of the window.
 - SECTION F THRU TRANSOM BAR:** The section through the transom bar.
 - SECTION E THRU DOUBLE GLAZED MUNTIA BAR:** The section through the double-glazed muntia bar.
 - SECTION D THRU SINGLE GLAZED MUNTIA BAR:** The section through the single-glazed muntia bar.
 - SECTION C THRU SILL:** The bottom section showing the sill.
 - Labels:** POLISHED WIRE GLASS BY OTHERS, CATHEDRAL OR ART GLASS BY OTHERS, CAULKING, 3/8" STEEL STRAP IN MASONRY, BRONZE COVE MOULD WHEN SPECIFIED, STONE SILL.
- Horizontal Section:** A cross-section of the window frame. It shows the sash opening and the stone opening. Key components labeled include:
 - SCALE IN INCHES:** A scale bar for the horizontal section.
 - SECTION A THRU JAMB:** The section through the jamb.
 - SECTION B THRU MULLION:** The section through the mullion.
 - SASH OPENING DIMENSION D:** The width of the sash opening.
 - STONE OPENING DIMENSION B:** The overall width of the opening.
 - INSIDE DIMENSION F:** The width of the window frame.
- Plan View:** A top-down view of the window. It shows a rectangular window with a grid pattern. Key components labeled include:
 - SCALE IN FEET:** A scale bar for the plan view.
 - Labels:** A, B, C, D, E, F, G.

THE NEWMAN MFG. CO.
NORWOOD P.O. STA.
CINCINNATI, O.

NEWMAN BRONZE WINDOWS

PATENT APPLIED FOR
PERMANENT AS THE PYRAMIDS

FIXED WINDOW
TYPE DC 13
SHEET NO 13

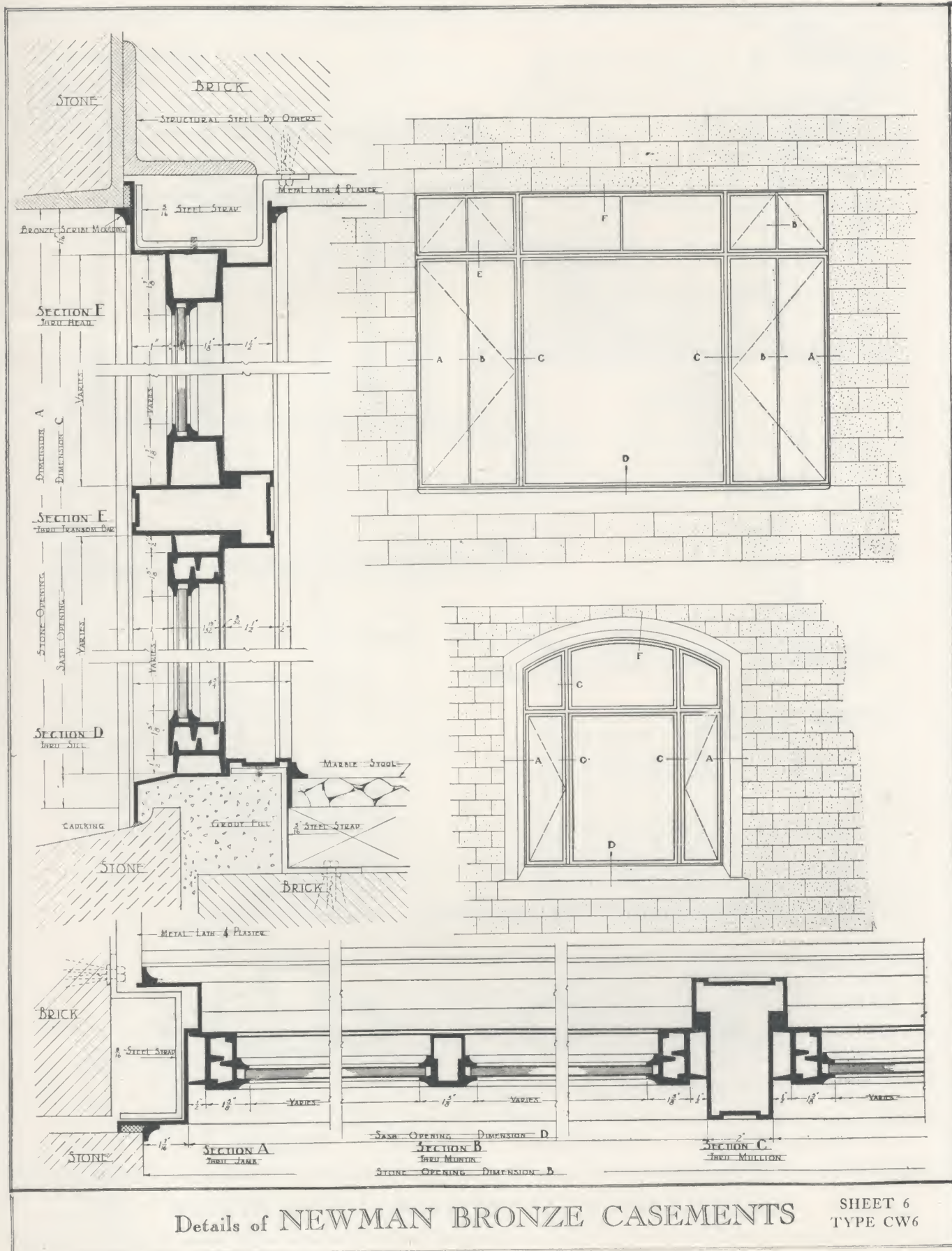


SHEET 1
TYPE CW1

Architectural drawings of a window mechanism, including sections A through F, a partial elevation, and a vertical section. The drawings show the internal components like the sash opening, stone opening, and various rollers and guides. Labels include 'STONE OPENING A', 'SECTION F SHUTTER HEAD', 'SECTION E SHUTTER TRANSOM BAR', 'SECTION D SHUTTER SILL', 'SECTION A SHUTTER LAMP', 'SECTION B SHUTTER MEETING RAIL', 'SECTION C SHUTTER MULLION', 'PARTIAL ELEVATION', and 'VERTICAL SECTION'. A scale bar indicates 'SCALE IN FEET' and 'SCALE IN INCHES'.

SHEET 8
TYPE CW8

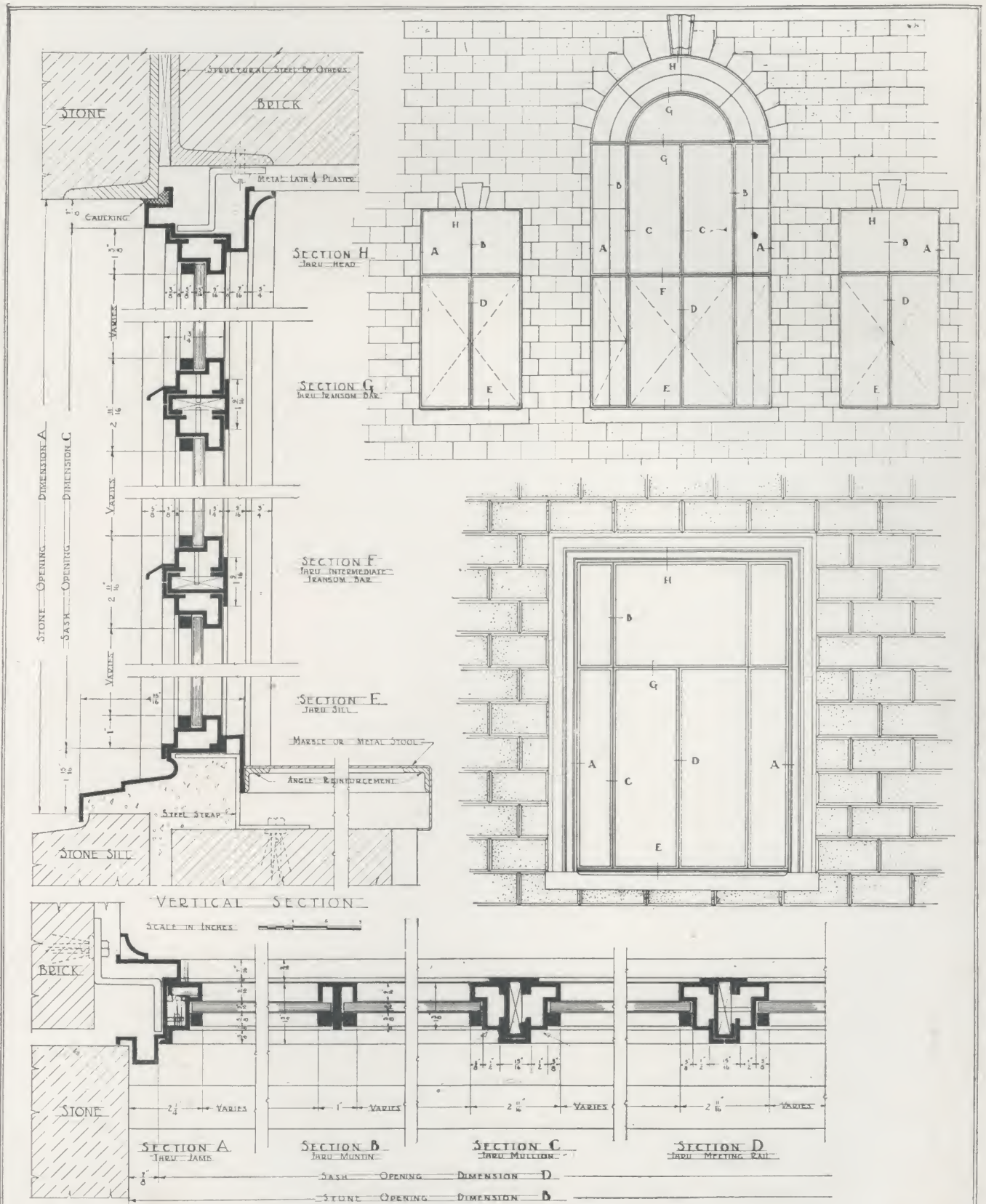
Newman Bronze and Aluminum Windows .



Details of NEWMAN BRONZE CASEMENTS

SHEET 6
TYPE CW6

Newman Bronze and Aluminum Windows



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NEWMAN BRONZE CASEMENTS

PATENT APPLIED FOR
"PERMANENT AS THE PYRAMIDS"

CASEMENT WINDOW
TYPE CW 4
SHEET NO. 4

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